

Recd 2 Aug 5

At
Masters

THE GARDENERS' CHRONICLE OFFICE,

41. Wellington Street, Strand, W.C.

London July 20 1876

My dear Dr. Engelmann

Many thanks for
your kindness in sending
me your papers on
Quercus & Agaves
which I shall make
use of - next year or
perhaps at the end of this
Baker is to give us a
list of garden Agaves
with figures ^{you}
Can you



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[Faint, illegible handwriting in cursive script, likely bleed-through from the reverse side of the page.]

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GELMANN PAPERS



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tell us what *Delinoscactus*
Simpsoni is - I have
just seen a specimen
reputed to be hardy here
but I cannot find any
such name - though
I presume it is one of
your plants - I have
asked by my factor
to send you a pull
of the cut and if you
can furnish us with
any information I shall
be greatly obliged
with many thanks

Yours truly
Maxwell T. Masters



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Rec Jan 15th 77
Ans Jan 29

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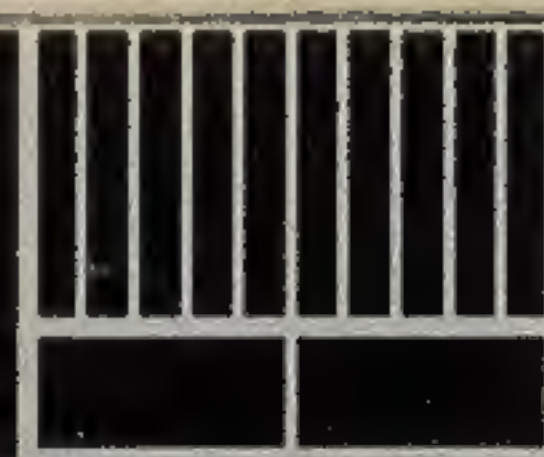
41. Wellington Street, Strand, W.C.

London Dec. 29 1876

My dear Dr. Engelm.

Ans I trouble

you too much in
asking your opinion
as to the enclosed Echinocacti
- I fear the material
is by no means satisfactory
so I must beg you not to
take any trouble or lose
any time over their
determination



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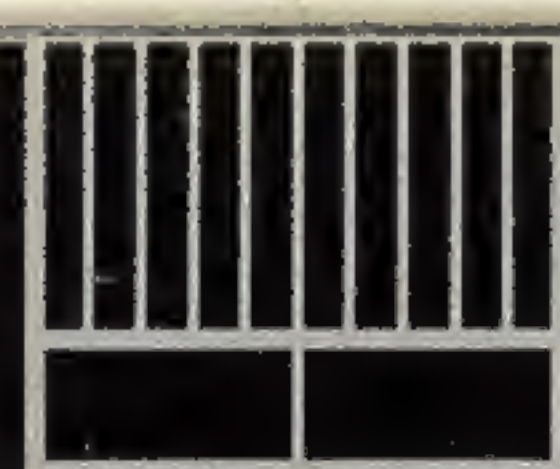


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tion if they are not
readily recognizable ~~for~~^{by} you -

Your waste paper basket
is doubtless capacious
so if I get no answer
I shall quite understand
why and shall all the
same tender my thanks
& apologies for trouble

Yours faithfully
Maxwell T. Masters



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Recd April 10
as sandy

THE GARDENERS' CHRONICLE OFFICE,

41. Wellington Street, Strand, W.C.

London 3. 28 1877

My dear F. Englemann

Can you oblige
us by a name for the
enclosed: - Should the
material be insufficient
or if ^{it will} put you to any
trouble to determine
it - - please throw it at once
in the waste paper basket
- I suppose you have
such



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1847
3.22
1847
My dear Dr. Engelmann
I have your letter
of the 1st inst.
and am glad to hear
that you are well.
I am well and hope
this finds you the same.
I have not much news
to write at present.
I am, dear Dr.,
very respectfully,
your obedient servant,
G. Engelmann



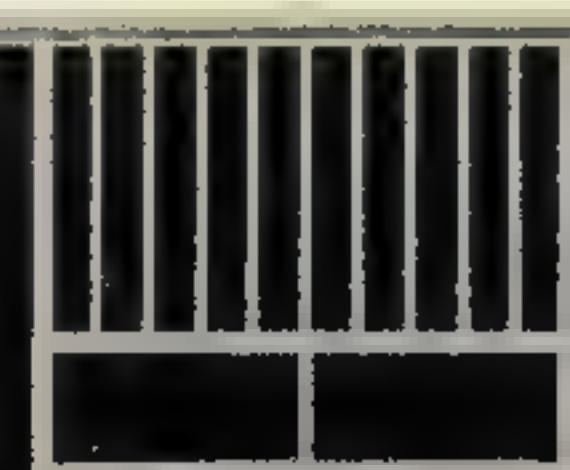
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Unio in America!)

Southey
Raywell T. Masters

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Recd Nov 27th
Ans same day

THE GARDENERS' CHRONICLE OFFICE,

41. Wellington Street, Strand, W.C.

London 4 Nov^r 1879

My dear Dr Engelmann

I am greatly
obliged for the advance
sheets of Botany of
California relating to
Conifers & which have
the more interest for
me as I have been
working lately at some
of the Japanese Conifers.

Yours



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Lead me to ask you if
you have compared
the Japanese & N.-E. Asiatic
~~homolepis~~ ajacensis
with Sitchensis or
Menziensis - You do not
say so in your paper
- They are very close
but I fancy there
are some slight differences

Yours faithfully,
Maynard T. Masters



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Rec March 15
Am sent by

THE GARDENERS' CHRONICLE OFFICE,

41. Wellington Street. Strand. W.C.

London Feb 27

1880

(March 3

My dear Dr. Engelman

I feel it a great
compliment I assure
you that you should
offer criticisms on my
first attempts in
Conifers. The name
darkwica I only know
in connection with Larix,
it can hardly be = Picea
ajacensis -

Leaf-structure: - I am
greatly obliged to you for
your criticism - I would



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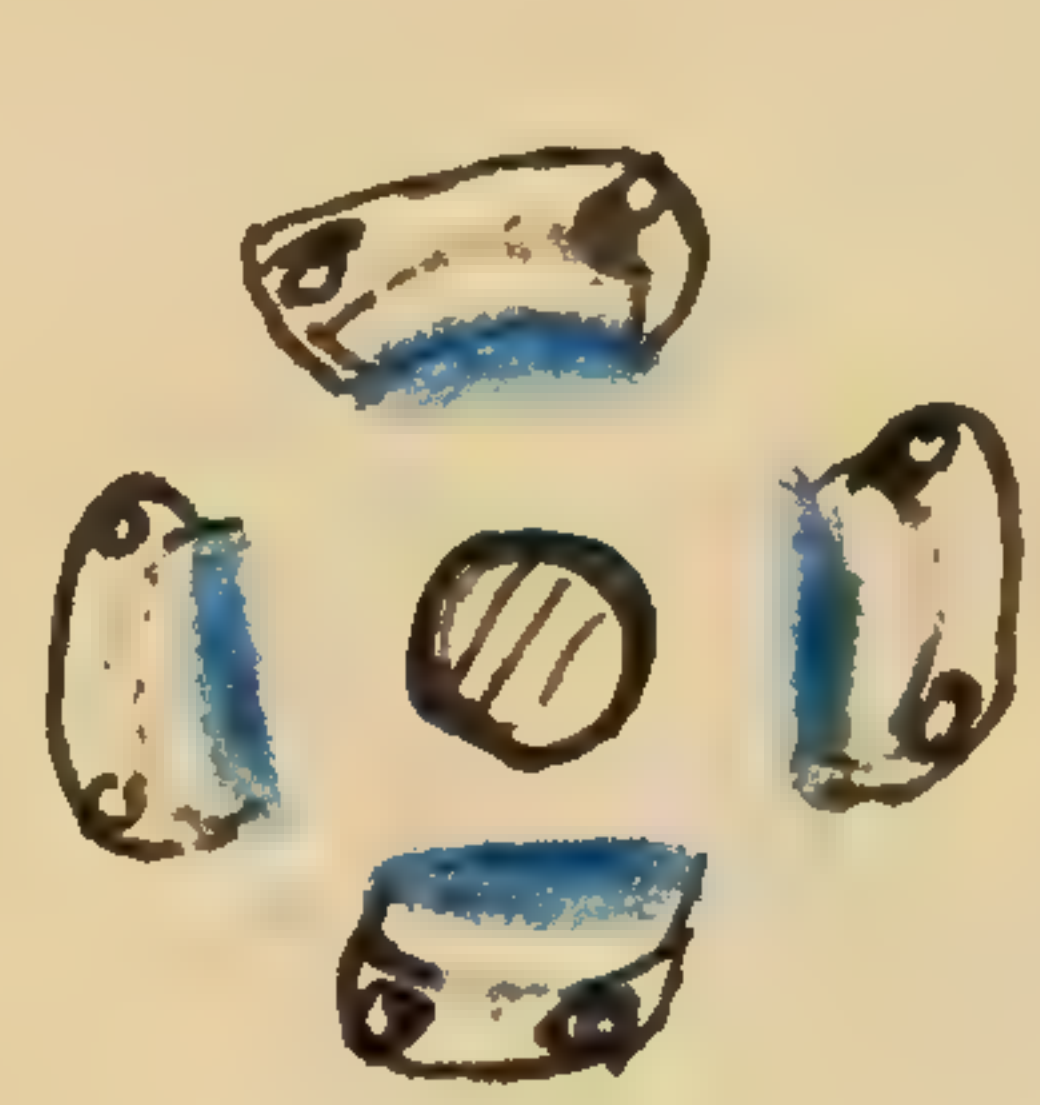
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2
not have believed that so
simple a matter would
have caused myself and
(you say) others so much
confusion. - Of course I
agree with you in the
main - but here is the

difficulty

Take the ^{erect} leader shoot of *P.*
ajacensis - suppose a
transverse cut through the
stem or axis and the leaves
so -  - (I have only put four

leaves but that does
not matter). The leaves are
erect and appressed, the
glaucous blue surface
being pressed up against the
stem. The convex green surface
is



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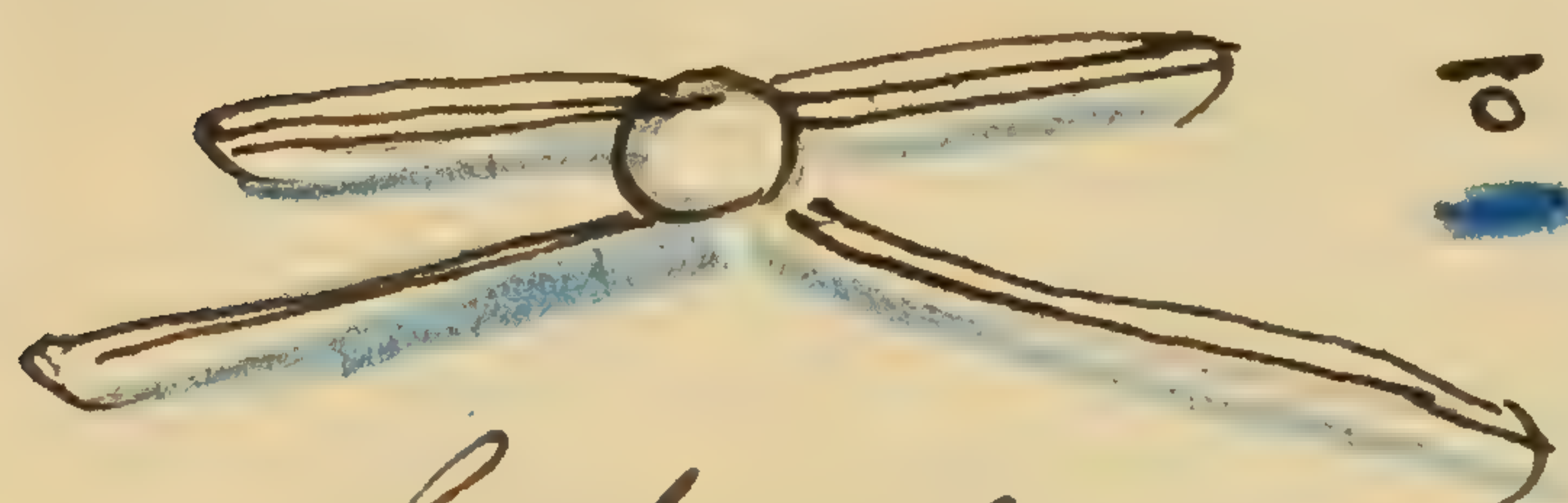
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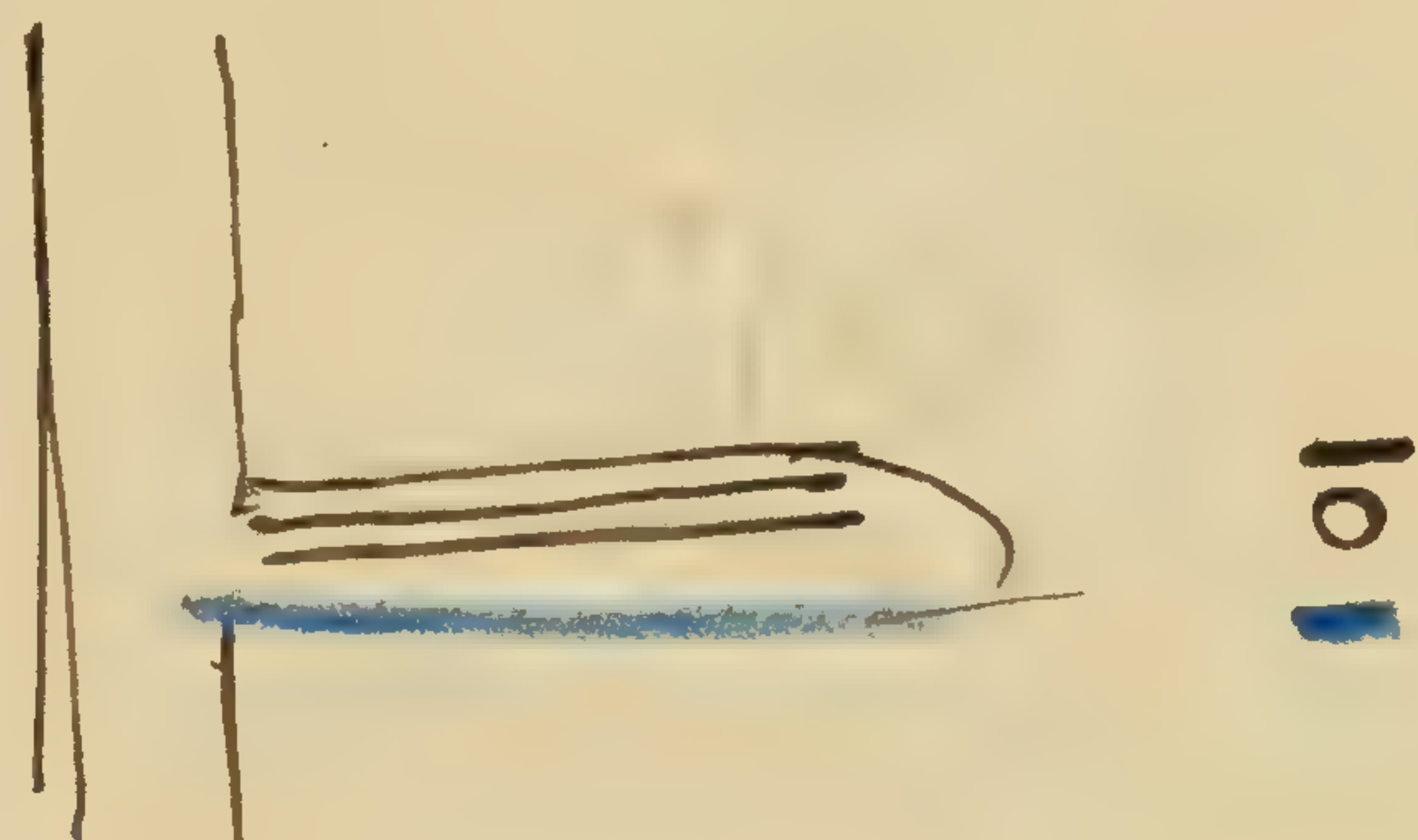
away from the axis and
it is this green comparatively
stomate-less surface beneath
which the resin-canals
are placed - Here it is in
longitudinal section.



Now, take the
lateral shoot
~~where the~~ leaves are
twisted more or less
so as to be all about in
the same horizontal plane.

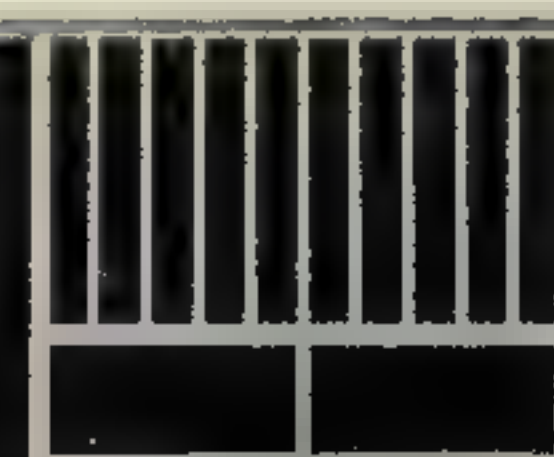


lateral



Then the glaucous blue
surface is the lower apparently
and the green surface
is the upper. (and the resin canals
are also above.)

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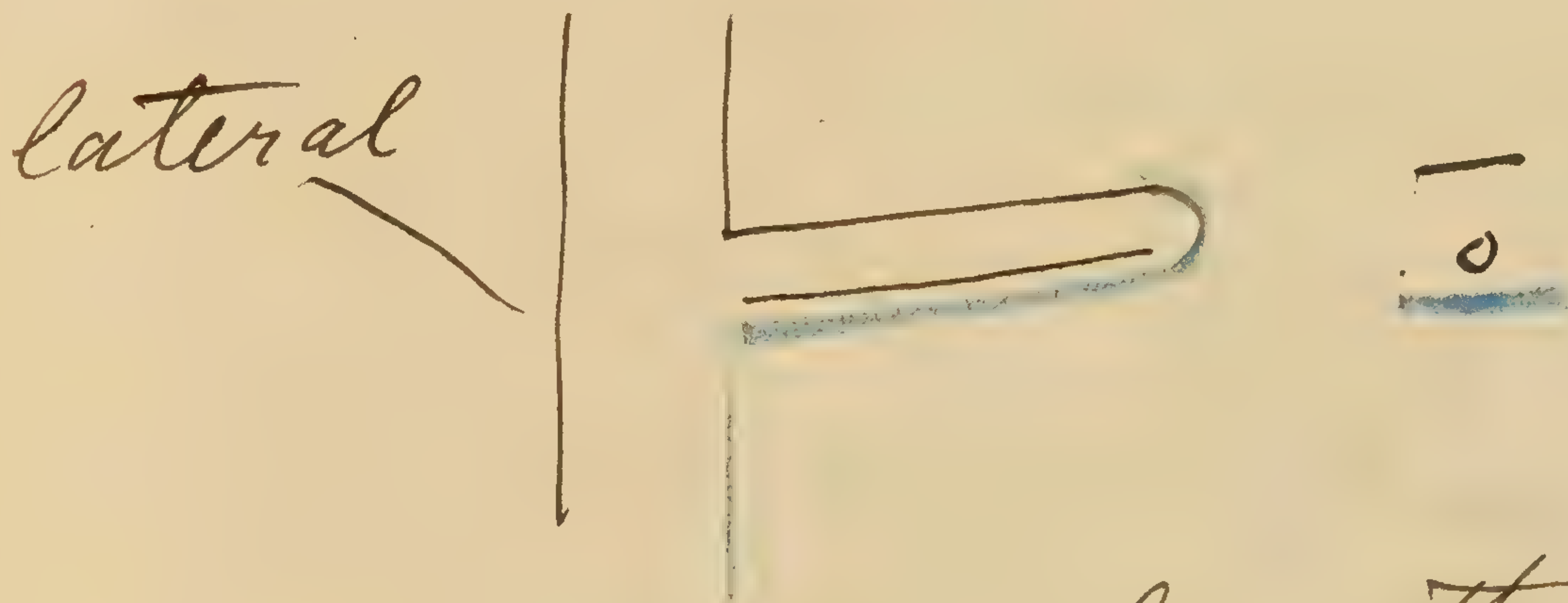
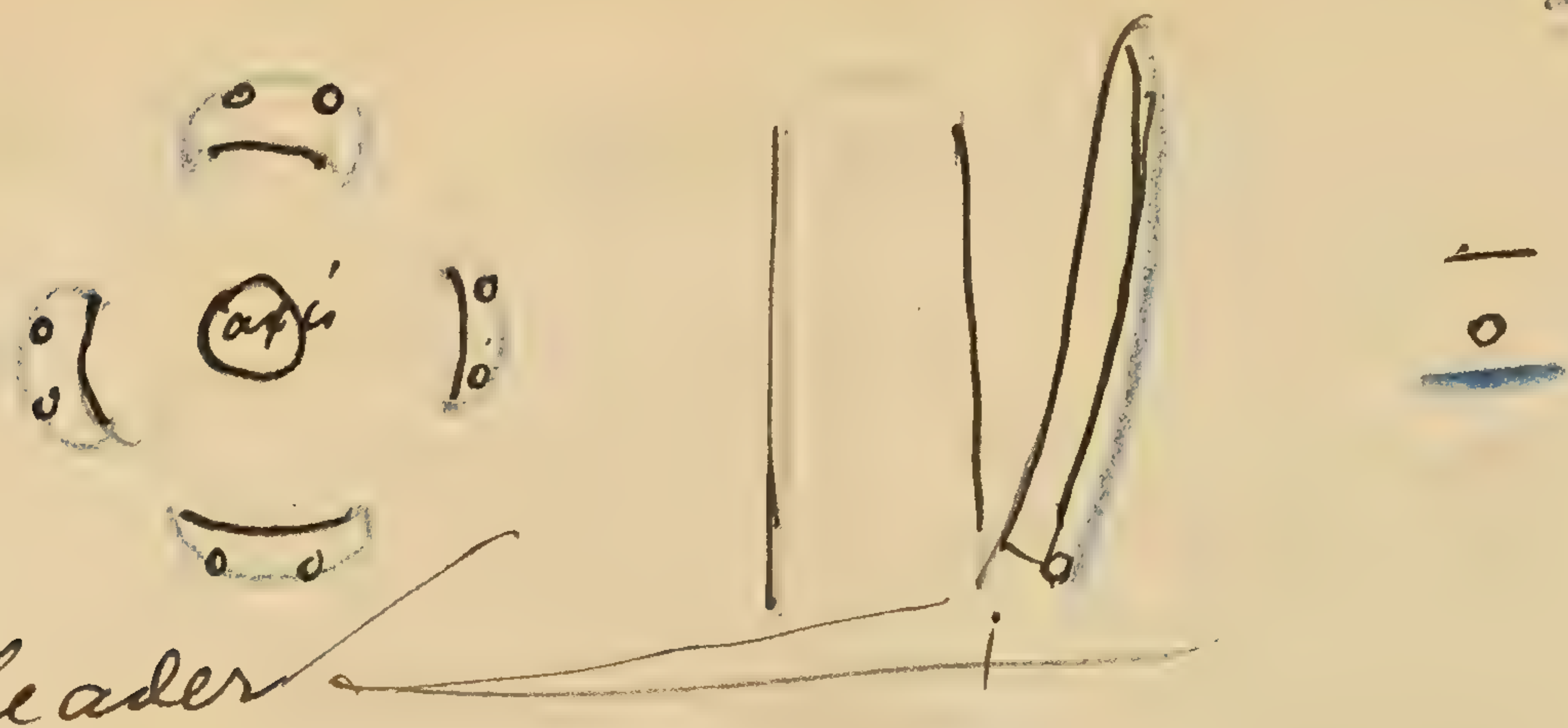
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4

- Contrast this with other
firs such as *Nordmanniana*



- on the leader shoot the leaves
are twisted so that the glaucous
surface becomes external.
on the lateral shoot the glaucous
surface is inferior and, in
both cases, the resin canals
are nearest to the glaucous
surface. So that
admitting the twisting
out of place, there still remains

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the fact that in these Japanese
spruces the resin canals
are nearest to the green
surface, whereas in most
other firs they are nearest
to the ~~inner~~ ^{glaucous} surface.
Call it upper or lower
as you will. -

Before I close this letter
I will endeavour to
get fresh specimens from
a leader & from a
lateral shoot of what I
call *ajaneensis* - My dried
ones are all dismembered.
I meantime believe me
faithfully

Maxwell T. Masters.

Pray pardon me a very humble
prentice hand in Conifer lore -

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P.S. By good luck I have
 a leader shoot with two
 young laterals which shows
 exactly what I mean -
 you will see the leader
 leaves are not twisted but
 the laterals are so that
 the ~~lower~~ green surface of the
 leader leaves is outer - the
 green surface of the laterals
 is (by the twist) uppermost?

P.P.S. *P. lasiocarpa* Hoff. =
concolor Engelm. ? In your
 Bot. of California you state that
Louiana C. synon. has not fruited
 in cultivation - This statement
 copied into G.C. brought me leaves
 & dismembered scales some of
 wh. I enclose - the leaf is what is
 called here *lasiocarpa* or
Louiana —

By the by I see you do not take
 up *Ab. Gordoniana* - but there is
 a silver in the gardens wh. looks different
 from *grandis* or *Louiana* & C.
 I send you a scrap —



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41 Wellington Street
Covent Garden
Royal Horticultural Society, London
Dec^r May 7th
Am Jan 7th South Kensington, S.W.

1) April 23 1880

My dear Dr. Muhlmann

First let me thank
you for your monographic
sketch of *Pinus* wh. I
shall look into with
great interest. Hooker
had already shown me
your MS relating to it.
— I now send you leaves
from the shoot on which
the cone of *lasiocarpa* (Louisiana)
grew, scales of which I



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sent you in a former letter - My correspondent tells me the cones were all produced in a ring at the base of the lateral branches, close round the main stem - On comparing them with the leaves on the sterile shoots I can see no material difference in size, color, or form.

P. ajanensis - I am afraid we are getting what you on your side of the Atlantic called "mixed" and, moreover,



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3

I fear I am to blame
for having written
hurriedly and not having
revised what I wrote.

- I quite admit that
the bluish stomatose
surface is organically
the upper, but that in
some cases, it gets twisted
so as to become apparently
the lower. - I admit
also thankfully your
correction of my published
error in this matter. -

But then, in your last
letter you go on to say



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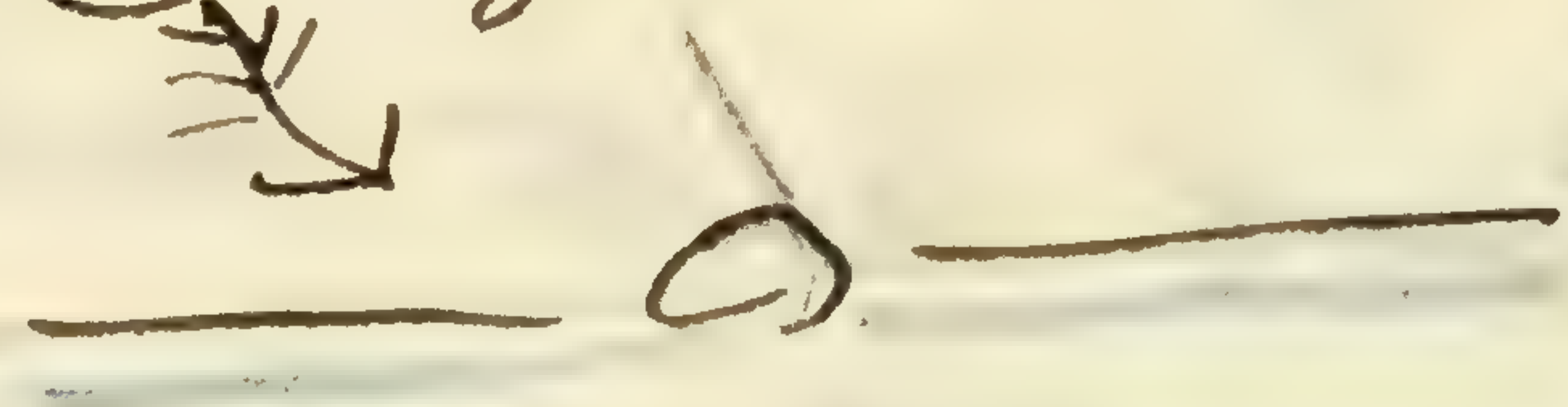
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that the leaves on the
lateral branches of
ajacensis " ~~back~~ if looked
at from above look
white or blueish, the
upper stomatoc side
being turned upward "
and you go on to say that
my figure gives the reverse



of this —

Since your letter, as many
times before, I have looked
at the lateral shoot of
ajacensis and I always
find the green surface
uppermost as in my sketch



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5

Royal Horticultural Society.

South Kensington. S.W.

18

It is only here & there that
a small spray is uplifted
to show the silvery surface.

— I am making a
monographic list of the
Japanese species and
before publishing it I
should like if possible
to correct my former
blunders and to put
the matter straight,
so I venture to trouble
you once more with



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my notions as follows:—

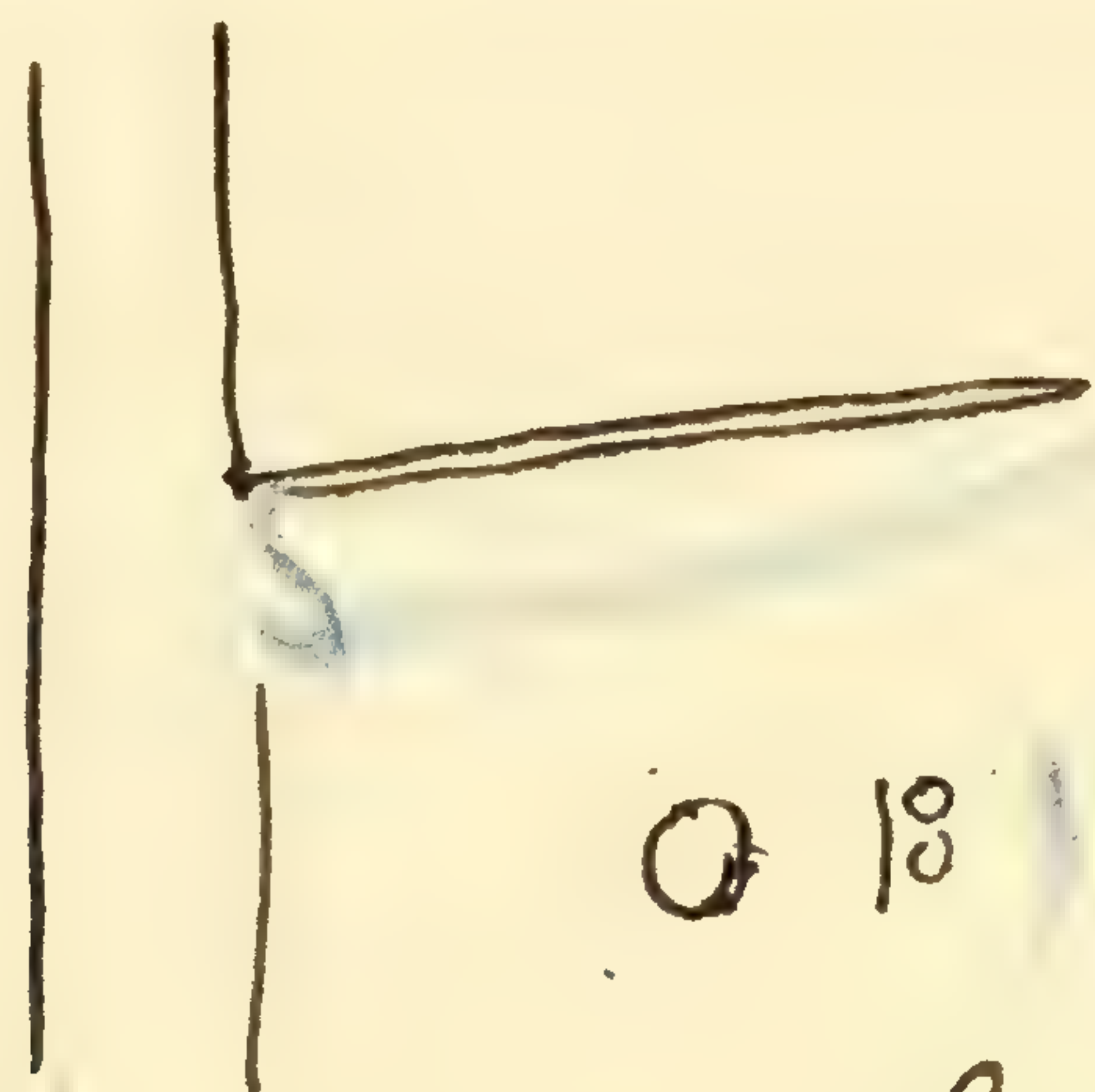
Ajanensis

1 leader shoot



Leaves ascending
appressed not
twisted at base,
upper surface
glaucous, next to
the axis etc. etc.

2



2. Lateral shoot—Leaves spreading
twisted at the base, upper
surface glaucous, but, owing
to the twist it is the
apparent lower surface

The resin canals are
close under the green
surface in both cases



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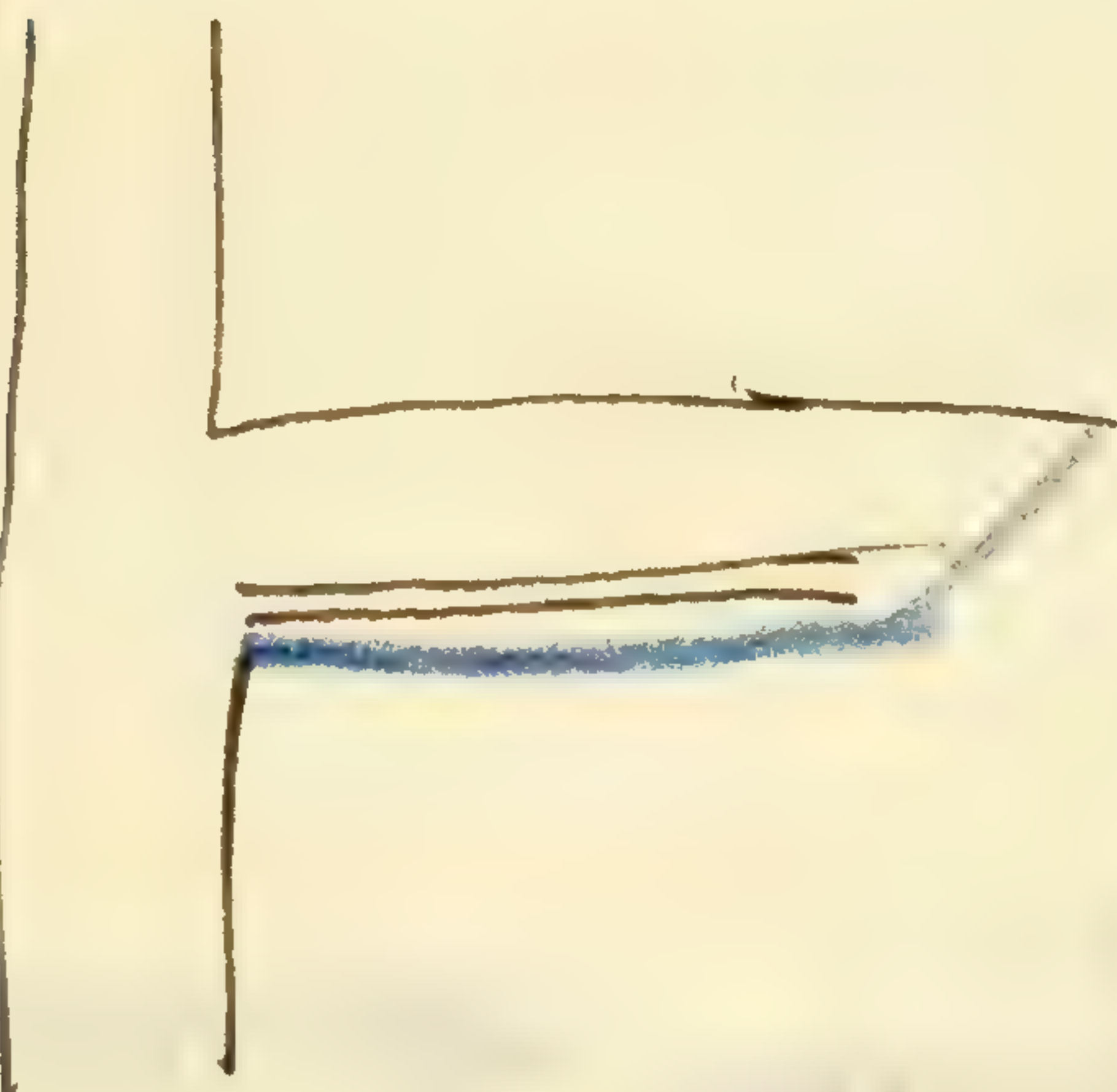
7

In most others (all so far as I know - the

blue surface is away from the axis -



leader of
Nordmanniana



lateral shoot of
A. Nordmannia

I begin to think, - may I
am sure, that at certain
seasons there is a good
deal

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D

more twisting and
untwisting going on than
we are aware of - I have
now on my lawn two
small plants of what
I call brachyphylla &
homolepis & of Nordman-
niana and on the
few occasions when I am
at home for any length
of time during the day
I notice great liveliness!!!
in the leaves from
time to time - I shall do
myself the pleasure to send
you slips of my notes on
Jap. Conifers when complete,
meanwhile, excuse my troubling
you so much & believe me
faithfully
Maywell T. Masters.

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Arrived June 24th
Dep. Nov 25.

Gardeners' Chronicle
Wellington Street
Covent Garden
London
June 12. 1880

My dear Dr. Engelmann

Inprimis
Thanks for the
note relating to the

Agave

Secundo - Abies concolor
- A short time since
I dressed up an
article on this following



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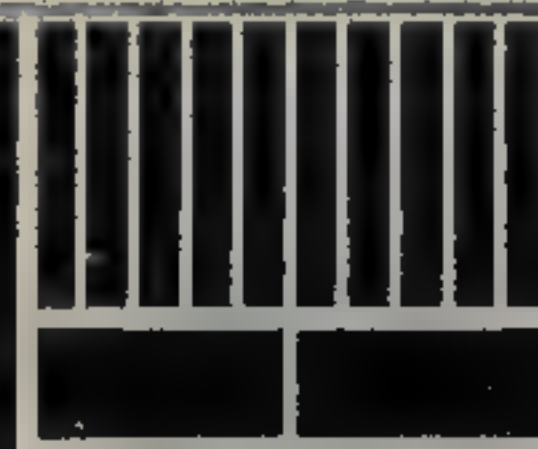


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your indications -

This has brought about
my ears no end of
contradictions from
the nurserymen
and even Hooker
objects. - I get from
various sources
sprays of what our
people call concolor
wh. certainly looks
very different from
that called Louisiana
or Parsonsiana or
lasiocarpa

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I send you a little
bit of it and shall
be greatly obliged for
your opinion -
You must know that
I have expressed - indeed
formed no opinion
of my own respecting
the American Conifers.
which I have not
critically studied
being content to sit
at your feet -
I also send you scraps



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of some others including
the much controverted
amabilis - I have
numbered them
so if you have time
and inclination to
give your opinion it
will only be necessary
to cite the numbers -
I am told that much
of the confusion arises
from a shifting of
tallies accidentally
for the purpose by
one



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one

of our nurserymen
but there are so many
conflicting statements
made by those who
should know that it
is hopeless to arrive at
any conclusion as
to which is right -

In such a case - is it
not better to break
away altogether from
strict botanical law
and start afresh
on the best accessible
data



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leaving the nurserymen
to settle among themselves
names "bedevilled"
by their own questionable
practices.

Excuse me bothering you
and believe me
with many thanks

faithfully,

Maywell T. Masters

1 Concolor. hort. Kew. Barron

2 Parsonsiana h. Barron
= Louisiana, laticarpa

3 annulata Douglas hort. angl.

4 grandis Douglas hort angl

5 grandis Vancouver St?



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Ans Jan 3^d 1881
a 207

Thy friend

THE GARDENERS' CHRONICLE OFFICE,
41. Wellington Street, Strand, W.C.

London Dec. 16 1880

My dear Dr. Engelmann

I congratulate
you on your safe return
and anticipate the recital
of your results with very
great interest — You will
probably have found out
before this reaches ^{you} that
we did receive your note
and photograph concerning
Stelis amabilis — I
published at once an abstract
but we had to wait a
long time before the
engraving



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was done. All thanks to you
for your kindness. It was
a matter in which people
here feel great interest.
- I am glad to find the
plants grown here as *umabilis*
are the right thing. -

In a Post Card which
you also sent me you
mention having sent me
a photo of *A. grandis*
- this I never received
indeed I suspect you wrote
grandis for *umabilis*;
but if you have any
photographs to spare
of true *grandis* - or indeed



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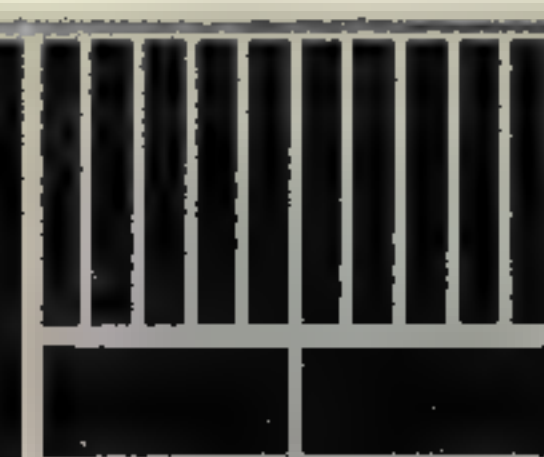
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9
If any other Pacific Emper
we should be glad to get
them and to publish
as good figures as we
could.

It is very curious about
Louisiana and Concolor,

Here, what are grown
under these names are
so very different - and
Concolor is always, as far
as I have seen, weak
& poor as in the
specimen sent to you. -

- I saw Gray last night
at the Linnean but
I



had no opportunity of speaking
to him. He has been
"on the Continent" as we
say - but must have
returned earlier than
he meant for he - told
me before he went he
did not intend to
return till February.

With many thanks,
for your kindness
faithfully,
Maywell T. Masters.

D. Geo Engelmann



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Rev Febr 25
Am 1/2

THE GARDENERS' CHRONICLE OFFICE,

41, Wellington Street, Strand, W.C.

London Feb 10 1881

at Gray's still
were plodding away
at Astors but
thumping against
a relief
visit

My dear Dr. Engelm.

If by chance you
have a spare copy of
your Synopsis of American
Firs I would be bold
enough to beg it, but
if inconvenient do not
reply to this letter - I
expect to have my list
of Japanese Conifers
out soon and will send
you



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a copy. Our nurserymen
complain very much
of putting Concolor &
Parsonsiana et aliae
together - They say it
has spoiled the sale of
Concolor!

Certainly as we see
them in nurseries here
they look very different
but I see you still stick
to your views

With many thanks

Yours faithfully,

Maywell T. Masters



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